Applicant: Tien-Yau Luh et al Attorney's Docket No.: 08919-082001 / 03A-910110

Serial No.: 10/643,041 Filed: August 18, 2003

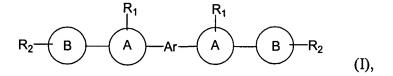
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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) A compound of formula (I):



wherein

Ar is aryl, heteroaryl, or oligoaryl;

A is furyl;

B is aryl or heteroaryl;

R₁ is hydrogen, alkenyl, alkynyl, aryl, heteroaryl, cyclyl, heterocyclyl, or oligoaryl; and R₂ is hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cyclyl, or heterocyclyl.

- 2. (Original) The compound of claim 1, wherein A is furyl substituted at positions 2 and 5.
 - 3. (Original) The compound of claim 1, wherein B is aryl.
 - 4. (Original) The compound of claim 3, wherein B is phenyl.
 - 5. (Original) The compound of claim 4, wherein R₂ is hydrogen.
 - 6. (Original) The compound of claim 1, wherein Ar is aryl.
 - 7. (Original) The compound of claim 6, wherein Ar is phenyl.

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8. (Original) The compound of claim 7, wherein A is furyl substituted at positions 2 and 5.

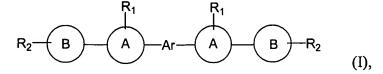
- 9. (Original) The compound of claim 8, wherein B is aryl.
- 10. (Original) The compound of claim 9, wherein B is phenyl.
- 11. (Original) The compound of claim 10, wherein R_2 is hydrogen.
- 12. (Original) The compound of claim 11, wherein R₁ is phenyl, and substituted at position 3 of furyl.
 - 13. (Withdrawn) The compound of claim 1, wherein Ar is oligoaryl.
 - 14. (Withdrawn) The compound of claim 13, wherein Ar is biphenyl.
- 15. (Withdrawn) The compound of claim 14, wherein A is furyl substituted at positions 2 and 5.
 - 16. (Withdrawn) The compound of claim 15, wherein B is aryl.
 - 17. (Withdrawn) The compound of claim 16, wherein B is phenyl.
 - 18. (Withdrawn) The compound of claim 17, wherein R₂ is hydrogen.
- 19. (Withdrawn) The compound of claim 18, wherein R₁ is phenyl, and substituted at position 3 of furyl.
 - 20. (Currently Amended) An electro-luminescence device, comprising: an anode layer, a hole transporting layer, an electron transporting layer, and a cathode layer,

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wherein the anode layer, the hole transporting layer, the electron transporting layer, and the cathode layer are disposed in the above order; and the hole transporting layer includes a compound of formula (I):



in which

Ar is aryl, heteroaryl, or oligoaryl;

A is furyl;

B is aryl or heteroaryl;

 R_1 is hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cyclyl, heterocyclyl, or oligoaryl; and

R₂ is hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl, cyclyl, or heterocyclyl.

- 21. (Original) The device of claim 20, wherein A is furyl substituted at positions 2 and 5.
 - 22. (Original) The device of claim 20, wherein B is aryl.
 - 23. (Original) The device of claim 22, wherein B is phenyl.
 - 24. (Original) The device of claim 23, wherein R_2 is hydrogen.
 - 25. (Original) The device of claim 20, wherein Ar is aryl.
 - 26. (Original) The device of claim 25, wherein Ar is phenyl.
- 27. (Original) The device of claim 26, wherein A is furyl substituted at positions 2 and 5.
 - 28. (Original) The device of claim 27, wherein B is aryl.
 - 29. (Original) The device of claim 28, wherein B is phenyl.

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30. (Original) The device of claim 29, wherein R₂ is hydrogen.

- 31. (Original) The device of claim 30, wherein R_1 is phenyl, and substituted at position 3 of furyl.
- 32. (Withdrawn) The device of claim 30, wherein R_1 is n-butyl, and substituted at position 3 of furyl.
 - 33. (Withdrawn) The device of claim 20, wherein Ar is oligoaryl.
 - 34. (Withdrawn) The device of claim 33, wherein Ar is biphenyl.
- 35. (Withdrawn) The device of claim 34, wherein A is furyl substituted at positions 2 and 5.
 - 36. (Withdrawn) The device of claim 35, wherein B is aryl.
 - 37. (Withdrawn) The device of claim 36, wherein B is phenyl.
 - 38. (Withdrawn) The device of claim 37, wherein R_2 is hydrogen.
- 39. (Withdrawn) The device of claim 38, wherein R_1 is phenyl, and substituted at position 3 of furyl.